

WHAT IS CLAIMED IS:

1. A rack-mount storage system, comprising:

an equipment cabinet defining at least one device opening therein;

5 a first device sized to be received by the device opening, said first device defining a first mounting pathway therein, said first device having a first chassis sized to receive at least one component of said first device, at least a portion of said first chassis defining at least a portion of said first mounting pathway; and

10 a support spar being sized to be received by the first mounting pathway and being sized to engage said equipment cabinet, said support spar engaging the first mounting pathway and said equipment cabinet to support said first device in said equipment cabinet.

15 2. The rack-mount storage system of claim 1, wherein said first chassis comprises a channel member therein, a top surface and a bottom surface, and wherein

20 the first mounting pathway is defined by said channel member and the bottom surface of said first chassis so that when said support spar is received by the first mounting pathway, said support spar does not extend downwardly beyond the bottom surface of said first chassis.

25 3. The rack-mount storage system of claim 1, wherein said first chassis comprises a channel member therein, a top surface and a bottom surface, and wherein the first mounting pathway is defined by said channel member and the top surface of said first chassis so that when said support spar is received by the first mounting pathway, said support spar does not extend upwardly beyond

the top surface of said first chassis.

4. The rack-mount storage system of claim 1,  
wherein said first device includes a fore-to-aft center of  
gravity location and wherein the first mounting pathway is  
located at about the fore-to-aft center of gravity  
location.  
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5. The rack-mount storage system of claim 1,  
wherein said support spar is aluminum and includes a  
generally rectangular and tubular cross section.

10 6. The rack-mount storage system of claim 1,  
wherein said support spar includes a first end, a second  
end and a center, said support spar being curved such that  
the center of said support spar is higher than its first  
and second ends while said support spar is engaging the  
first mounting pathway and said equipment cabinet.  
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7. The rack-mount storage system of claim 1,  
wherein said equipment cabinet includes a first side and  
a second side and wherein said support spar engages the  
first and second sides of said equipment cabinet.

20 8. The rack-mount storage system of claim 7,  
wherein the first side of said equipment cabinet includes  
a first mounting rail and wherein the second side of said  
equipment cabinet includes a second mounting rail, said  
support spar being sized to engage the first and second  
mounting rails.  
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9. The rack-mount storage system of claim 1,  
wherein the device opening has a first side and a second  
side separated by a spaced distance and wherein said first

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device has a width that is less than the spaced distance between the first and second sides of the device opening.

10. The rack-mount storage system of claim 9, further comprising a spacer sleeve sized to be received over said support spar, said spacer sleeve extending between said first device and the second side of the device opening, said spacer sleeve holding said first device against the first side of the device opening.

10 11. The rack-mount storage system of claim 9, further comprising a second device, said second device defining a second mounting pathway therein sized to receive said support spar, said second device having a second chassis sized to receive at least one component of said second device, at least a portion of said second chassis defining at least a portion of said second mounting pathway, said second device being mounted adjacent said first device so that said first and second devices extend between the first and second sides of the device opening.

20 12. The rack-mount storage system of claim 11, wherein said first device is secured to said second device.

25 13. The rack-mount storage system of claim 11, wherein the second mounting pathway is substantially aligned with the first mounting pathway when said first and second devices are positioned adjacent one another.

14. A rack-mount storage system having an equipment cabinet and at least one device opening therein, comprising:

5           a first device sized to be received by the first device opening, said first device defining a first mounting pathway therein, said first device having a first chassis sized to receive at least one component of said first device, at least a portion of said first chassis defining at least a portion of said first mounting pathway; and

10           a support spar being sized to be received by the first mounting pathway and being sized to engage said equipment cabinet, said support spar engaging the first mounting pathway and said equipment cabinet to support said first device in said equipment cabinet.

15           15. A rack-mount storage system, comprising:

15            equipment cabinet means for defining at least one device opening therein;

20            device means for defining at least one mounting pathway therein, said device means having housing means for housing at least one component of said device means, said housing means defining at least a portion of said at least one mounting pathway; and

25            support means for engaging said at least one mounting pathway defined by said device means and for engaging said equipment cabinet means, said support means supporting said device means within said at least one device opening defined by said equipment cabinet means.

16. A rack-mount storage system, comprising:

30            an equipment cabinet defining at least one device opening therein;

              a first device sized to be received by the device opening, said first device having a chassis sized to receive at least one component of said first

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device, a portion of the chassis defining at least a portion of a first mounting pathway; and

5           a support spar sized to be received by the first mounting pathway and to engage said equipment cabinet, said support spar engaging the first mounting pathway and said equipment cabinet to support said first device in said equipment cabinet.

10           17. The rack-mount storage system of claim 16, wherein said first mounting pathway is located in said chassis so that said support spar does not extend downwardly beyond a bottom surface of said first device when said support spar is supporting said first device within said equipment cabinet.

15           18. The rack-mount storage system of claim 16, wherein said first mounting pathway is located in said chassis so that said support spar does not extend upwardly beyond a top surface of said first device when said support spar is supporting said first device within said equipment cabinet.

20           19. The rack-mount storage system of claim 16, wherein said first device includes a fore-to-aft center of gravity location and wherein said first mounting pathway is located at about the fore-to-aft center of gravity location.

25           20. The rack-mount storage system of claim 16, wherein the device opening defined by said equipment cabinet includes a first side and a second side separated by a spaced distance and wherein said first device has a width that is less than the spaced distance between the first and second sides of said device opening, said rack-

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mount storage system further comprising a spacer sleeve sized to be received by said support spar, said spacer sleeve extending between said first device and the second side of the device opening, said spacer sleeve holding  
5 said first device against the first side of the device opening.

21. The rack-mount storage system of claim 16, wherein the device opening defined by said equipment cabinet includes a first side and a second side separated  
10 by a spaced distance and wherein said first device has a width that is less than the spaced distance between the first and second sides of said device opening, said rack-mount storage system further comprising a second device having a chassis sized to receive at least one component  
15 of said second device, a portion of the chassis defining at least a portion of a second mounting pathway, said second device being mounted adjacent said first device and engaging said support spar so that said first and second devices extend between the first and second sides of the  
20 device opening.

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